



285013

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
Pollution Report**

I. Heading

DATE: April 19, 1999

SUBJECT: Tilton Plating Emergency Response, Tilton, Vermillion County, Illinois

FROM: Cindy Nolan, OSC, EPA, Region 5, Chicago, RS 2

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POLREP # 5**II. BACKGROUND**

Site No: B589	Delivery Order No: 0007
CERCLIS No: ILSFN0507790	ERNS No:
Response Authority: CERCLA	NPL Status: Non-NPL
State Notification:	Start Date: 9/25/98
Demobilization Date:	Completion Date:
Status of the Action Memorandum: Signed on 12/14/98	

III. INCIDENT INFORMATION

Review the Initial POLREP

IV. RESPONSE INFORMATION**1. Current situation**

During the week ending April 17, 1999, the OSC mobilized the ERRS contractor to complete the T & D for the staged hazardous material inside the facility. The weather condition for the week was mild conditions with temperatures in the mid 60°F through 4/14/99 with high winds and rain on 4/15/99 and 4/16/99.

On 4/13/99, 14 cubic yards of chromium solids, 14 drums chromium liquid, and one lab overpack drum of cyanide were transported off site to the disposal facility. On 4/14/99, the

remaining drums inside the building were transported to the disposal facility. One roll-off box of non-hazardous debris was loaded and sent to the local landfill.

On 4/15/99, the building was demolished and the contaminated west wall was separated from the non-hazardous debris. Two trucks of non-hazardous debris were loaded and sent to the local landfill. Work was discontinued due to inclement weather.

2. Removal activities to date:

- Overpacked deteriorated containers.
- Staged of all drums and other containers in building.
- Secure the building.
- Sampled, hazcatted, and categorized all disposal waste streams on site.
- Arrangement off site of T & D of drums and debris.
- Conducted an extent of contamination soil study.
- Conducted T & D for the material inside the building (Seven waste manifest were shipped out).
- Demolish building.
- Sort non-hazardous and hazardous building debris.
- Began air monitoring during demolition and excavation.

B. Planned Removal Action:

- Continue to load non-hazardous debris into roll-off boxes to be transported for disposal.
- Continue to air monitor for lead, cadmium, and chromium.
- Begin excavation of contaminated concrete and soil.
- Arrange for T & D for the contaminated concrete and soil.
- Backfill excavated areas and restore residential properties.

C. Next Step

No further action

C. Key Issues

Based on IEPA investigations, there may be contaminated soil on the adjacent property to the west of site (on railroad property). Presently the U.S.EPA is attempting to gain access to the property to collect samples.

After the waste was accepted by Chem-Met in Brownstown, MI, loaded onto the truck, and transported to their facility on 4/13/99, Chem-Met contacted Earth Tech on 4/14/99, informing them that another manifest was required for the cyanide and flammable paint waste. The waste was not being disposed of at the facility, but at another facility in Orlando, FL. The Illinois manifests were returned to the disposal facility on 4/14/99, and the material was transported to Orlando, FL.

V. COST INFORMATION

Affiliation	Present Cost	Ceiling	% Remaining
Earth Tech (4/15/99)	107,168.00	250,000.00	57.1
START	17,960.16	30,000.00	40.1

Disposal Table				
Tilton Plating Site Tilton, Vermilion County, Illinois				
Waste	Date	Volume	Manifest Number	Disposal facility
RQ, Hazardous solid, n.o.s., (cadmium) UN3077	4/13/99	15 cubic yards	ILD98491925599-02	Chem-Met Services 18550 Allen Rd. Brownstown, MI 48192
RQ, Environmental hazard Sub. n.o.s. 9, (copper sulfate), PG III	4/13/99	1 drum (50 lbs.)	ILD98491925599-02	Chem-Met Services
RQ, Hazardous Waste, Liquid, n.o.s. 9, (chromium), NA 3082, PG III	4/13/99	14 drums (885 gallons)	ILD98491925599-01	Chem-Met Services
RQ, PCBs, n.o.s. 9, UN2315, PG III	4/14/99	1 drum (125 lbs.)	00003	Superior Special Services 1275 Mineral Springs Dr. Port Washington, WI 53074
RQ, Waste Paint Related material, 3, UN1263, PG II*	4/14/99	1 drum (100 lbs.)	ILD98491925599-04	Chem Con 10100 Rocket Blvd Orlando, FL, 32824
RQ, Waste Cyanide Solution, n.o.s. (zinc cyanide, potassium cyanide) 6, UN1935 PG I*	4/14/99	1 drum (40 lbs.)	ILD98491925599-05	Chem Con
RQ, Waste Corrosive Liquid, n.o.s. 8, UN 1760, PG III (chromium)	4/14/99	9 drums (515 gallons)	ILD9849192559-06	Chem-Met
RQ, Waste Corrosive Liquid, n.o.s. 8, UN 1760, PG III (sodium Hydroxide)	4/14/99	12 drums (720 gallons)	ILD9849192559-07	Chem-Met
Non-Hazardous Debris	4/15/99	20 cubic yards	Profile # 540728-01	Waste Management Twin Bridges Danville, IN
Non-Hazardous Debris	4/16/99	55 cubic yards	Profile # 540728-02 & 3	Waste Management Twin Bridges Danville, IN

* - Chem-Met indicated that their MI facility could not accept or dispose of the cyanide and flammable solid waste streams. The manifest needed to be changed with the Orlando, FL, facility accepting the waste, or the load would have been rejected.